

# FAIRBANKS NIJHUIS™ MIXED FLOW PUMP

TYPE HMF, VMF

[www.FairbanksNijhuis.com](http://www.FairbanksNijhuis.com)

# Materials

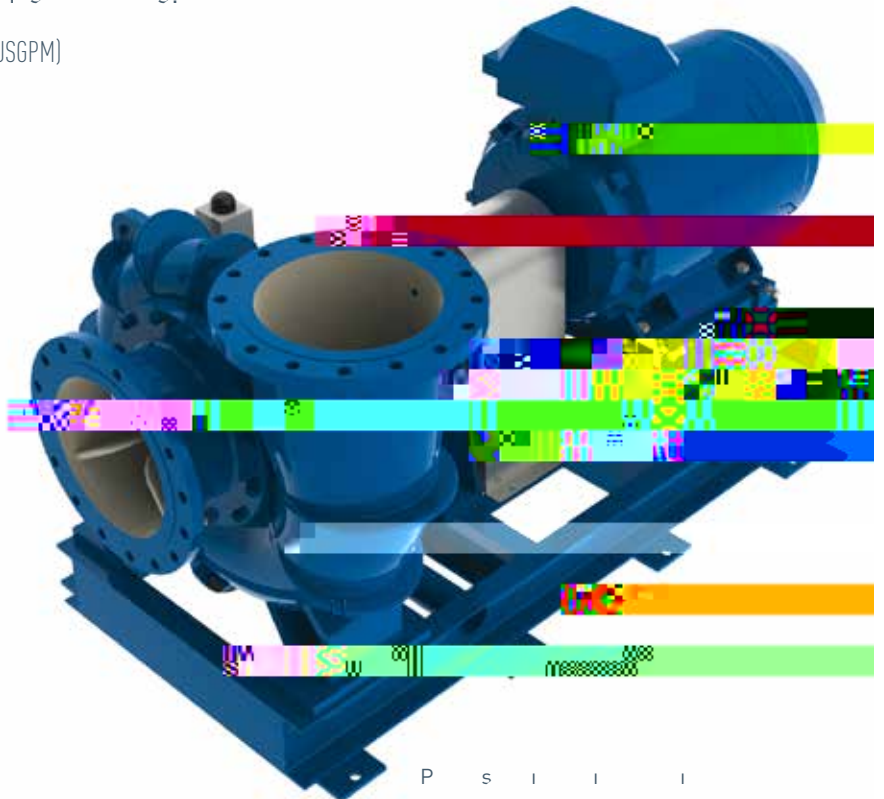
- Cast iron
- Ductile cast iron
- Bronze
- Aluminum bronze
- Stainless steel
- (Super) duplex stainless steel



# Shaft Seals and Bearings

# About Pump Curves

- Capacities: 150 - 11,000 m<sup>3</sup>/h (660 - 48,431 USGPM)
- Head: 5 - 40 mlc (16 - 131 feet)



# Water & Responsibility

Fairbanks Nijhuis is a leading provider of water and wastewater treatment solutions. Our mixed flow pumps are designed for high efficiency and low energy consumption, making them an ideal choice for a wide range of applications. We are committed to providing reliable and sustainable water solutions for our customers.

## Applications

- Drinking water
- Sewage water
- Cooling water
- Effluent
- Irrigation
- Drainage
- Desalination

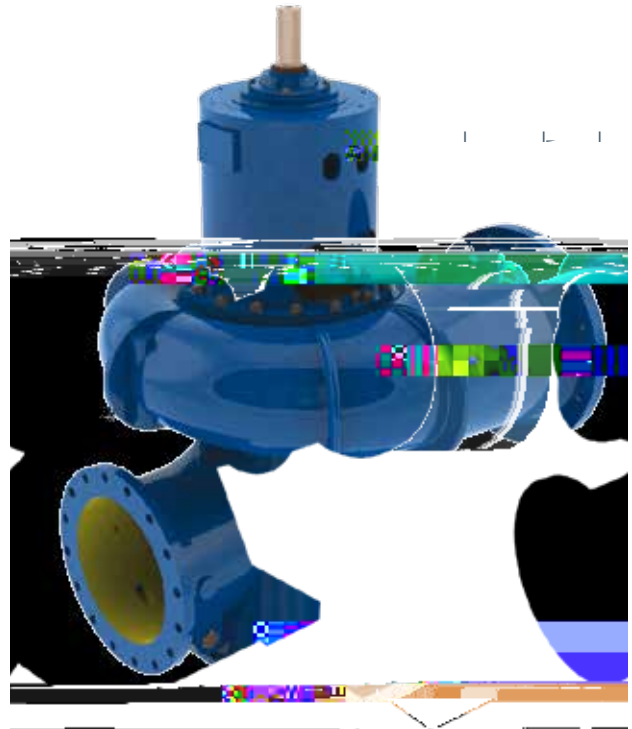
# Pump Configurations

Pentair's Fairbanks Nijhuis™ mixed flow pumps are available in two configurations: (HMF) and (MF). The HMF configuration is designed for applications where the pump is mounted on a higher floor level, while the MF configuration is designed for applications where the pump is mounted on the same floor level as the water source.

Horizontal view of the HMF pump configuration.



Vertical view of the MF pump configuration.



## PUMP OPTIONS

- The pump can be configured in two ways:
  - with the motor mounted on the pump or independently on a higher floor level.
  - as a closed-coupled pump where the impeller is mounted directly onto the extended motorshaft.

- The pump is designed to handle clean water and is not suitable for applications involving solids or debris.



# Features and Benefits

## FEATURES

- Oversized shafts and reduction of the overhang

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- For ease of maintenance, the entire rotating

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- Larger mixed flow pumps in sewage systems

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- Large access holes with contoured covers give

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## BENEFITS

- High efficiencies and reduced energy consumption

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- Low NPSH values
- High suction lift
- Less civil works
- Low operating costs by appropriated material selections
- Space-saving vertical configurations reduce the footprint.
- Low maintenance requirements through reliable
- Back pull-out design for easy access.

